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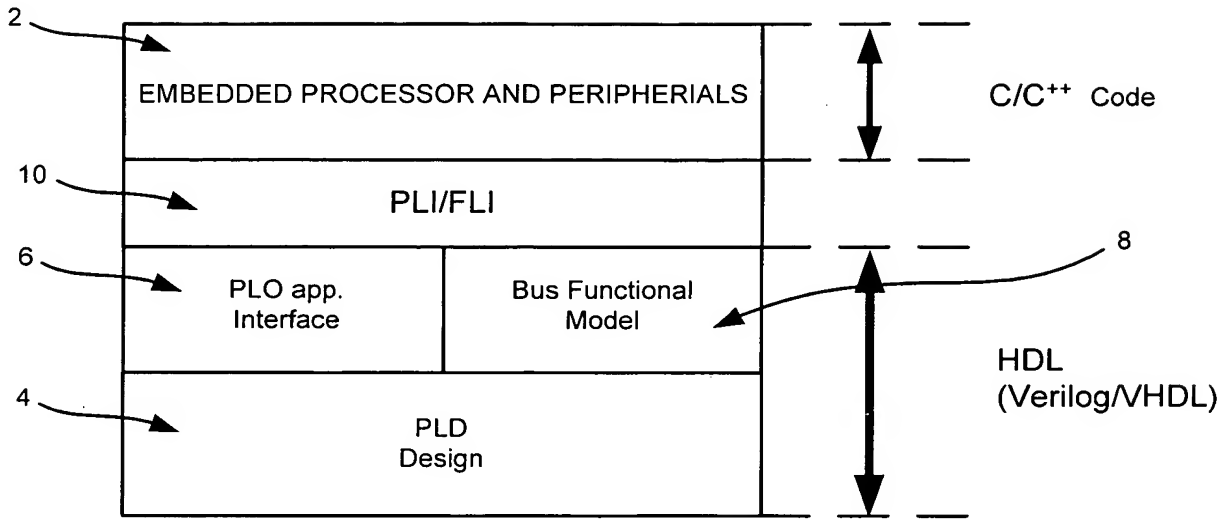

FIG. 1

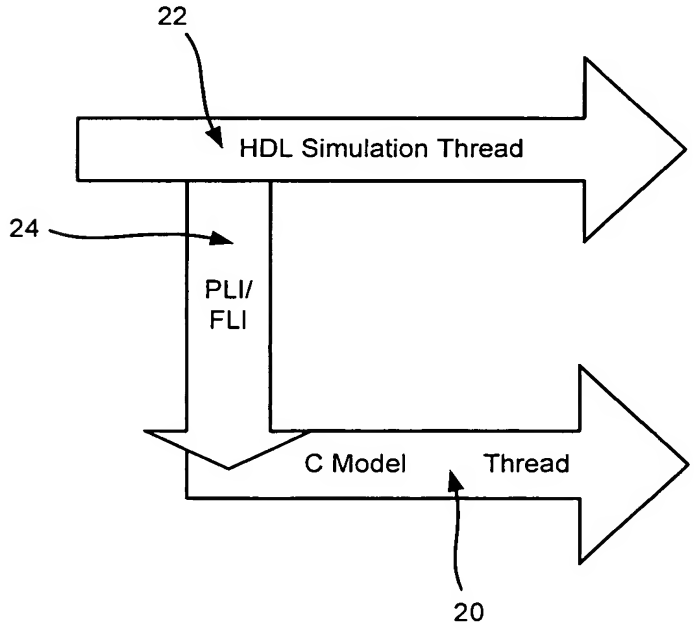

FIG. 2

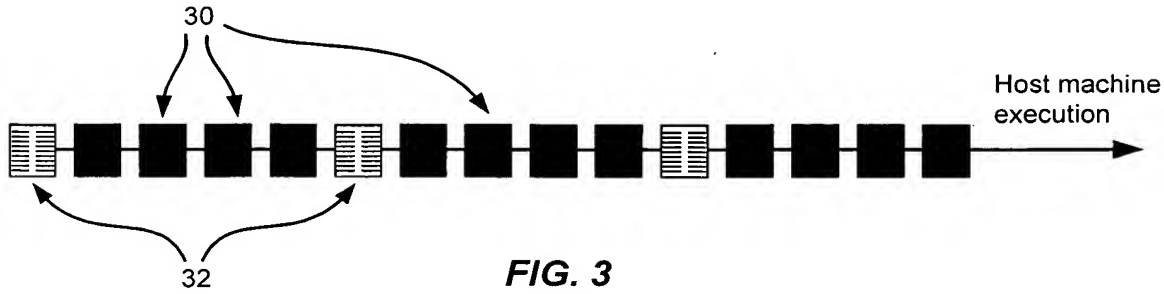

FIG. 3

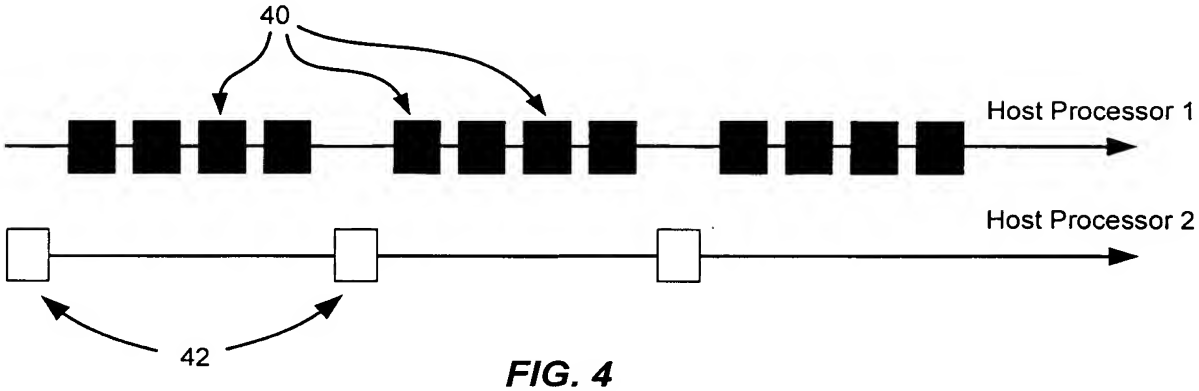

FIG. 4

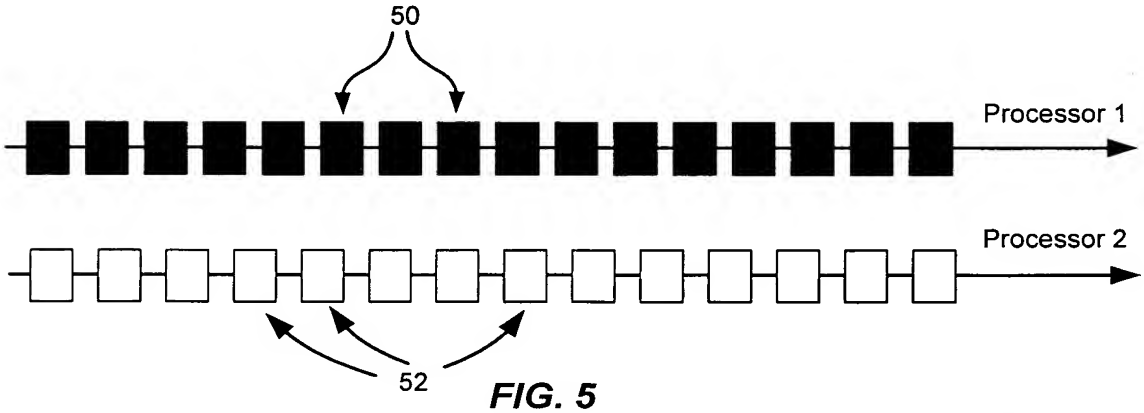

FIG. 5

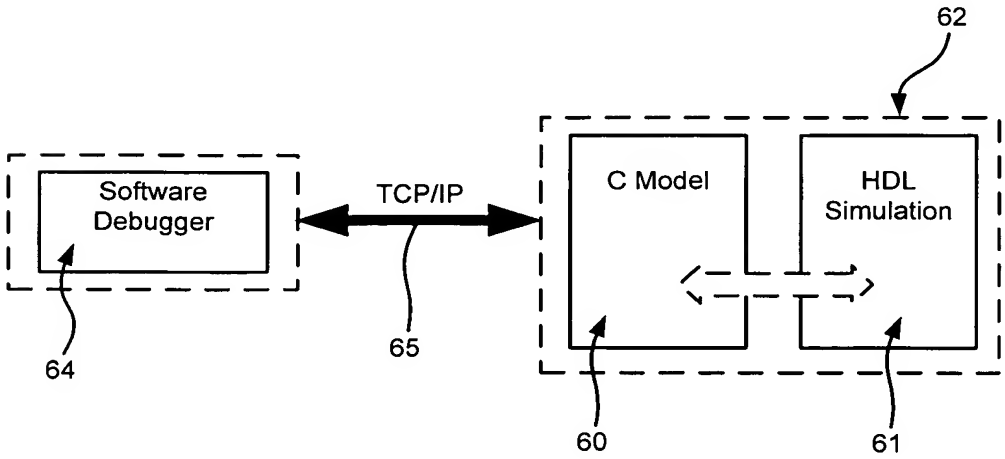

FIG. 6

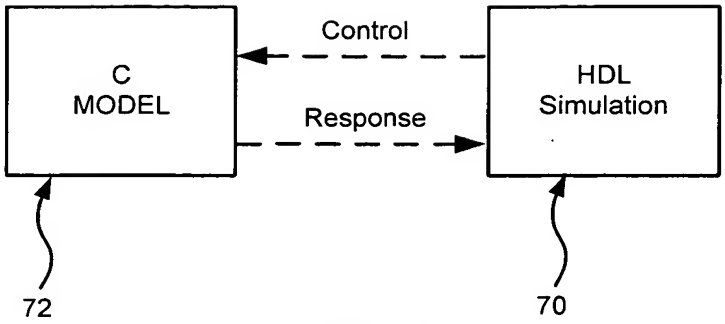

FIG. 7

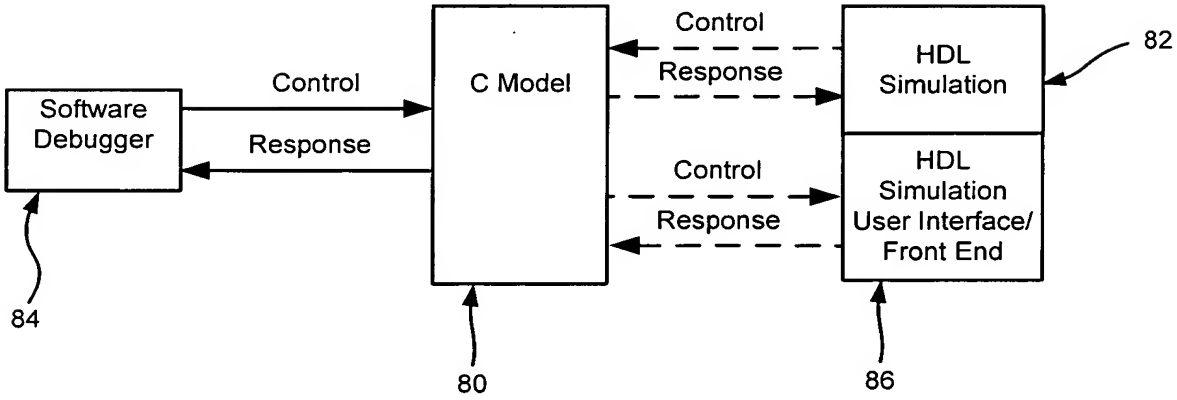

FIG. 8

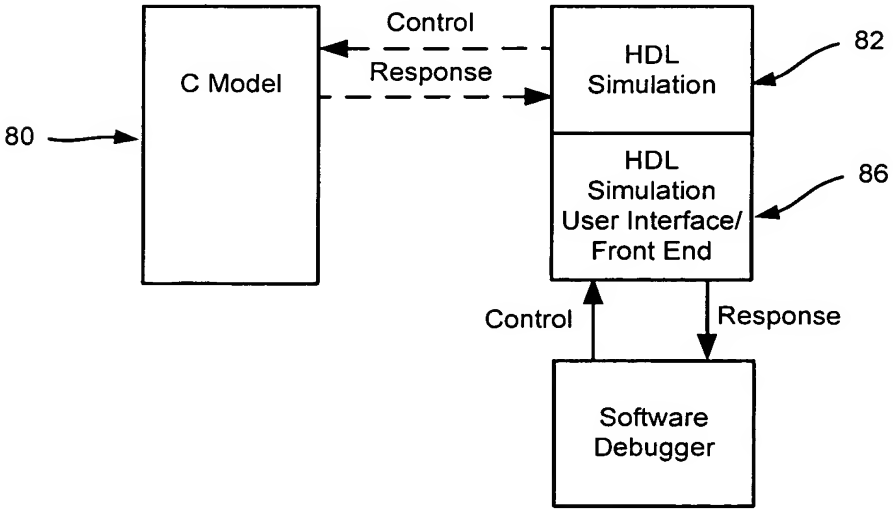

FIG. 9

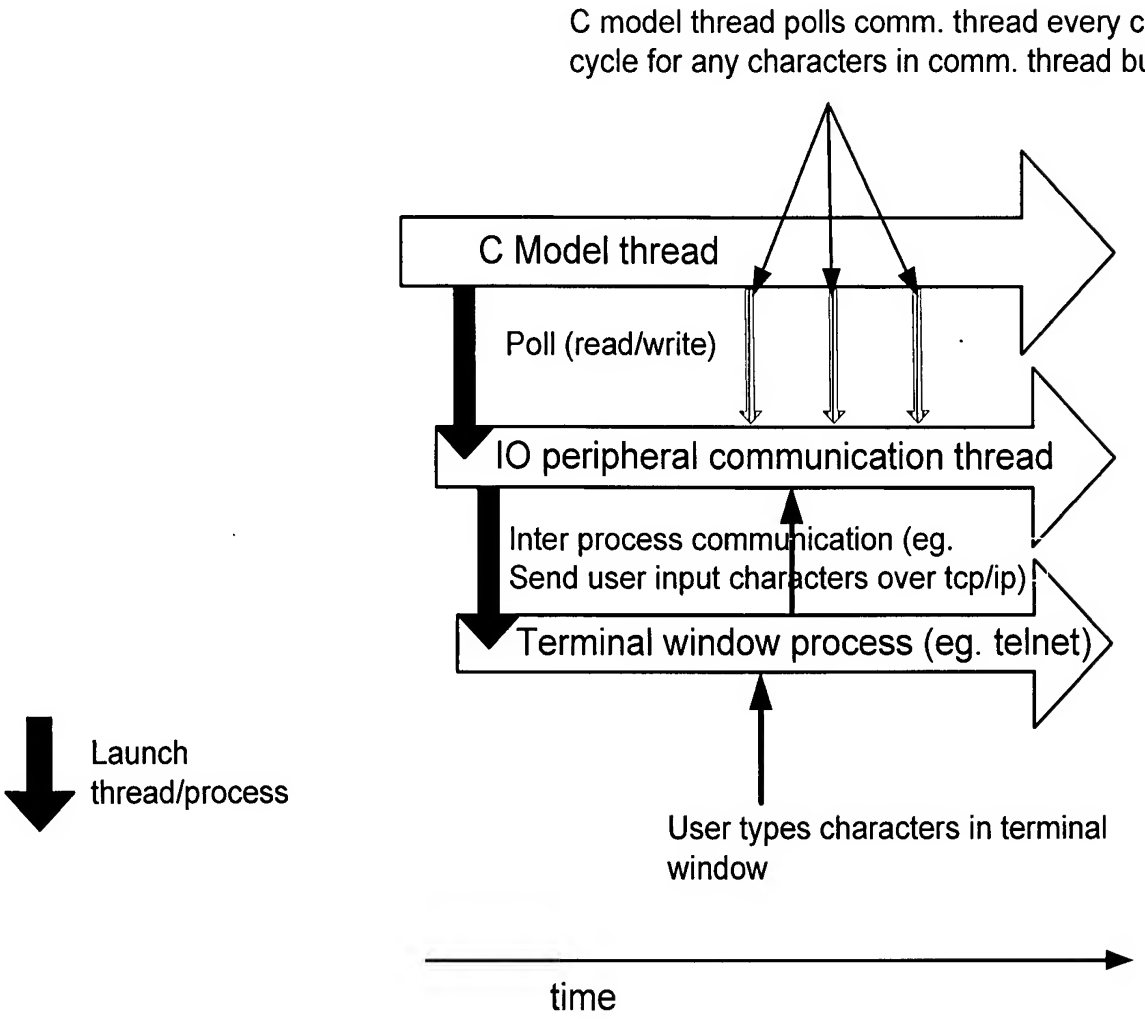
C model thread polls comm. thread every clock cycle for any characters in comm. thread buffer
C Model thread
Poll (read/write)
IO peripheral communication thread
Inter process communication (eg. Send user input characters over tcp/ip)
Terminal window process (eg. telnet)
Launch thread/process
User types characters in terminal window
time

FIG. 10